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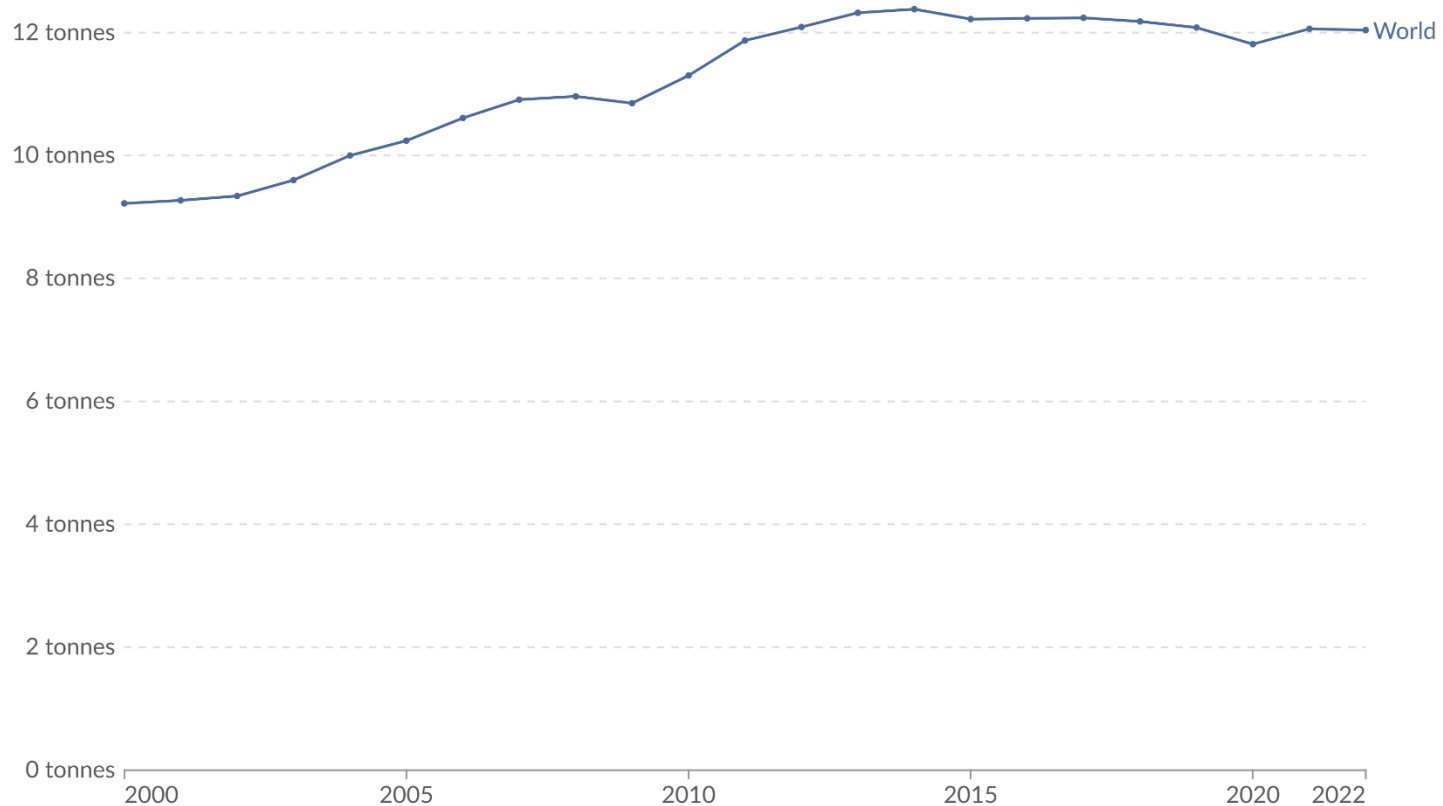


Circular Economy Strategies

Lessons learned from Germany

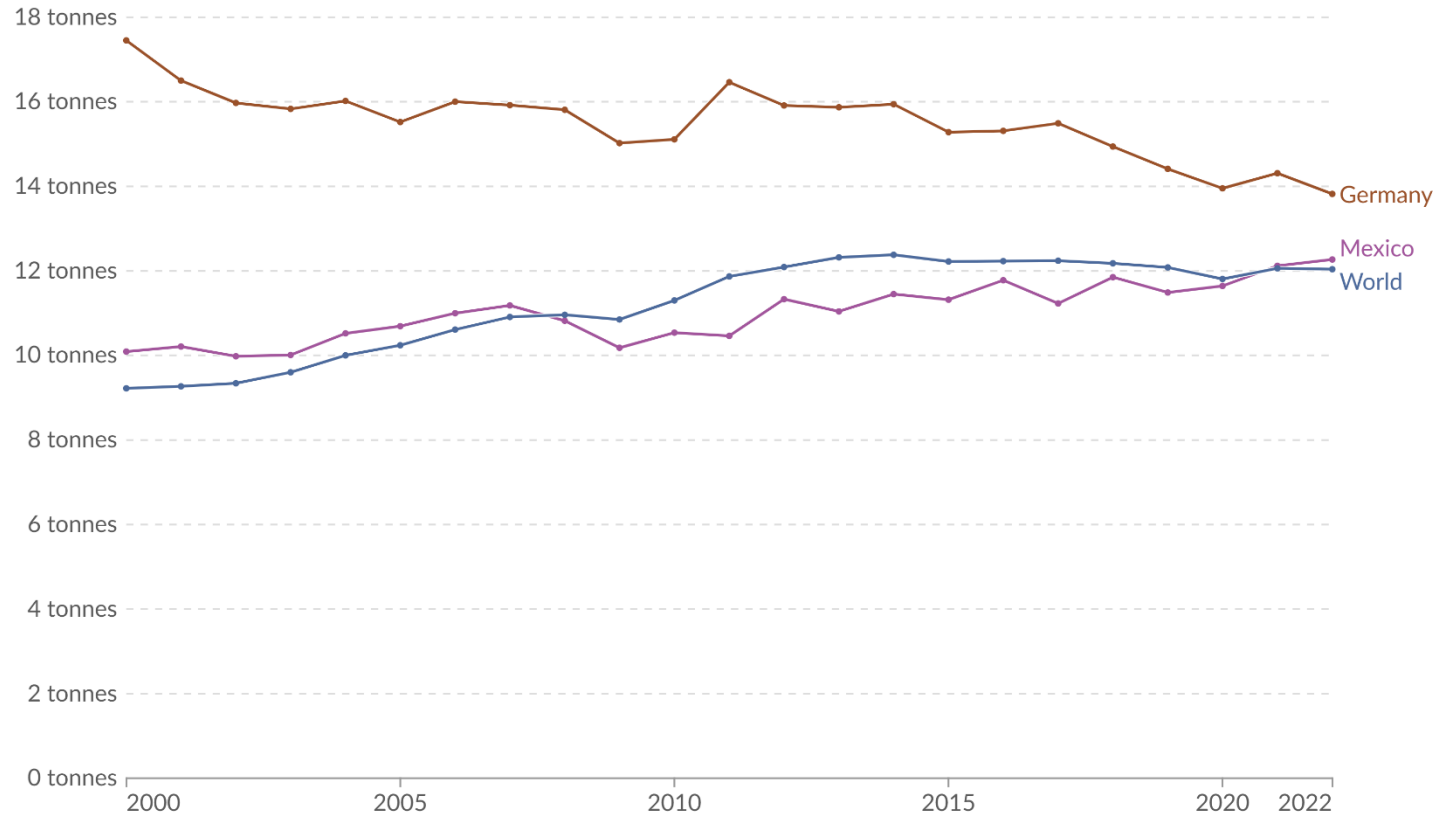
Domestic material consumption per capita, 2000 to 2022

Domestic material consumption reports the amount of materials used in a national economy. It is the sum of materials extracted domestically and the amount of direct imports, with the amount of exports subtracted.



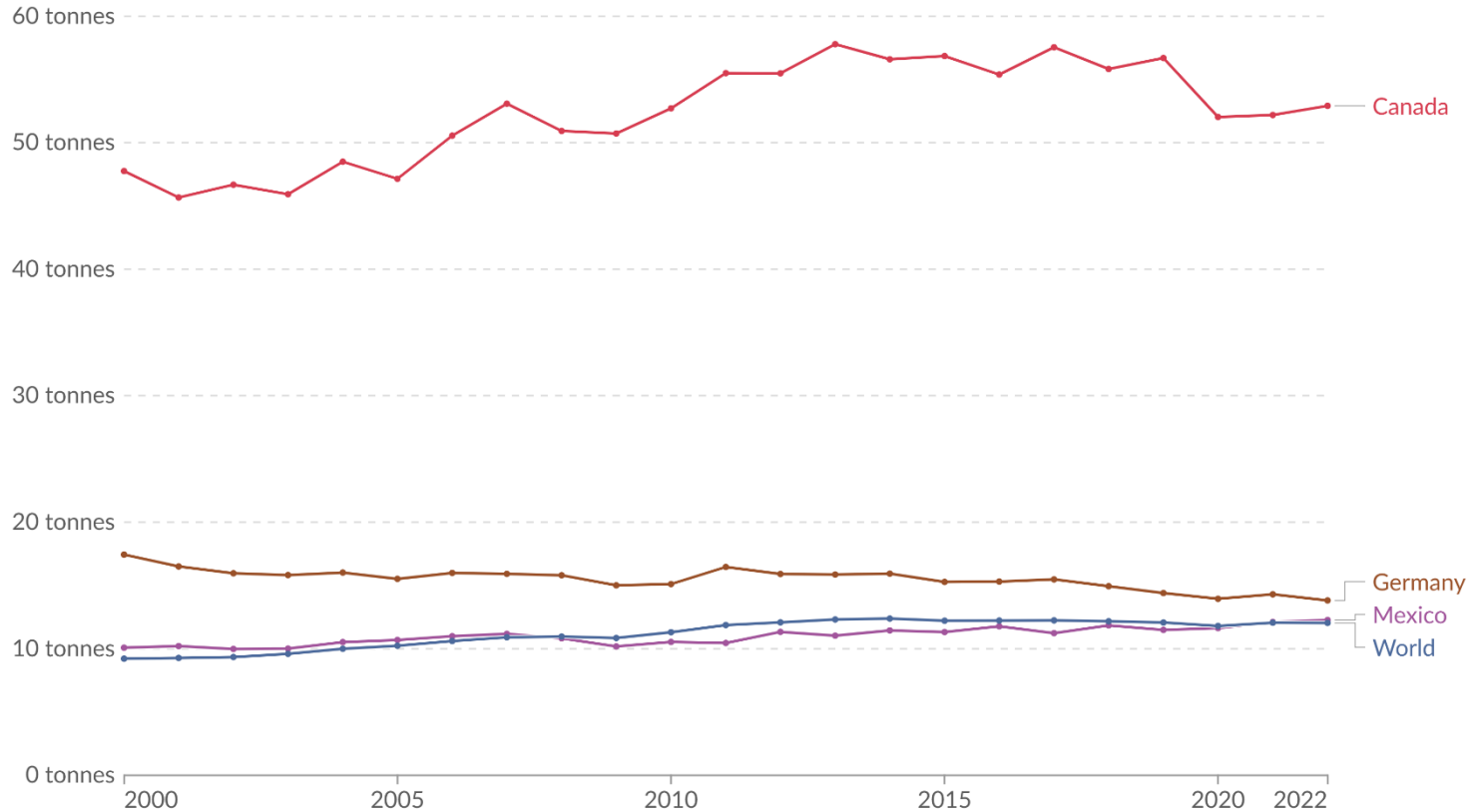
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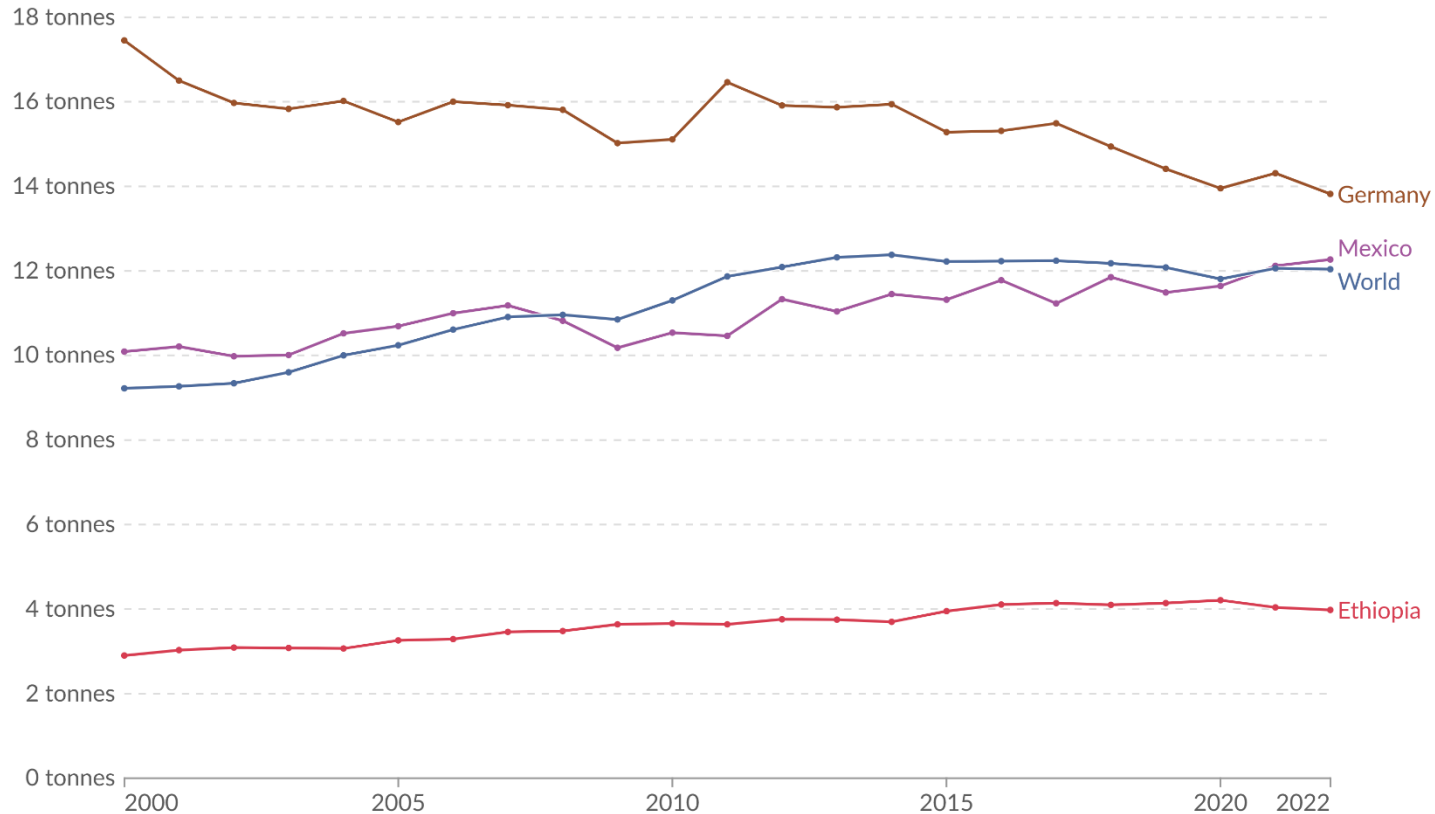
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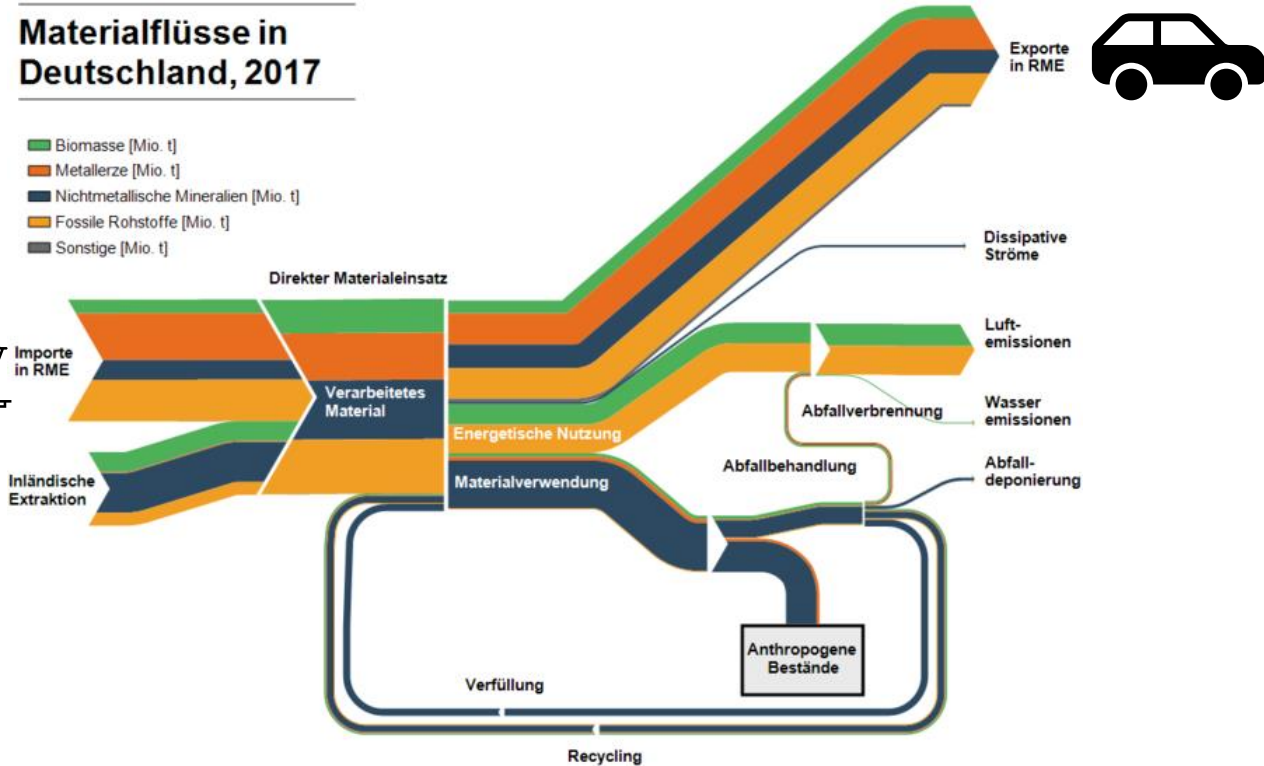
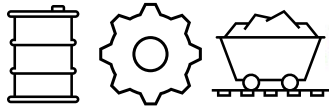
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Status Quo – Circular Economy in Germany

Materialflüsse in Deutschland, 2017

- Biomasse [Mio. t]
- Metallerze [Mio. t]
- Nichtmetallische Mineralien [Mio. t]
- Fossile Rohstoffe [Mio. t]
- Sonstige [Mio. t]



Legislative framework

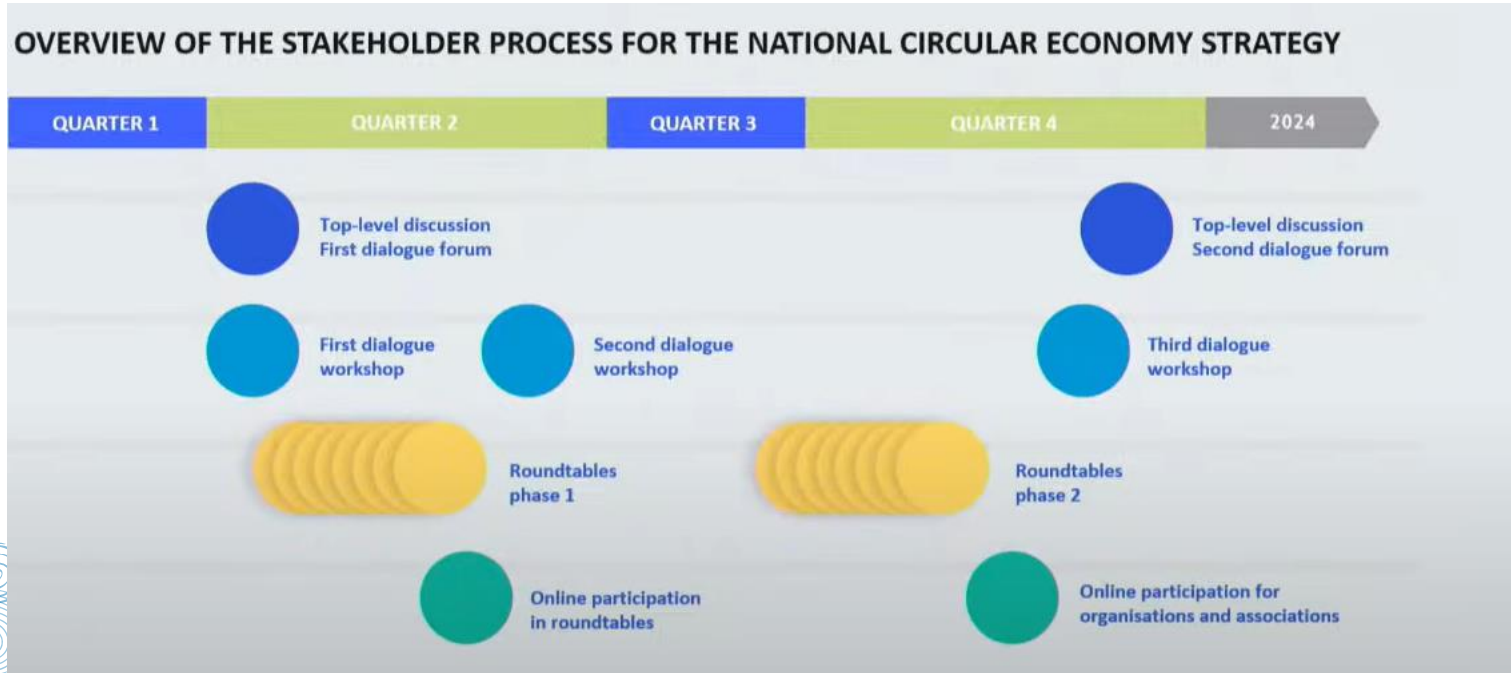


- Circular Economy Law
 - 1996: First version of the law
 - Updated in the following years in line with EU legislative framework
- Waste prevention has highest priority
- Inclusion of EPR systems
- Deposit systems
- Recent „experiments“ on municipal level: tax for single use packaging



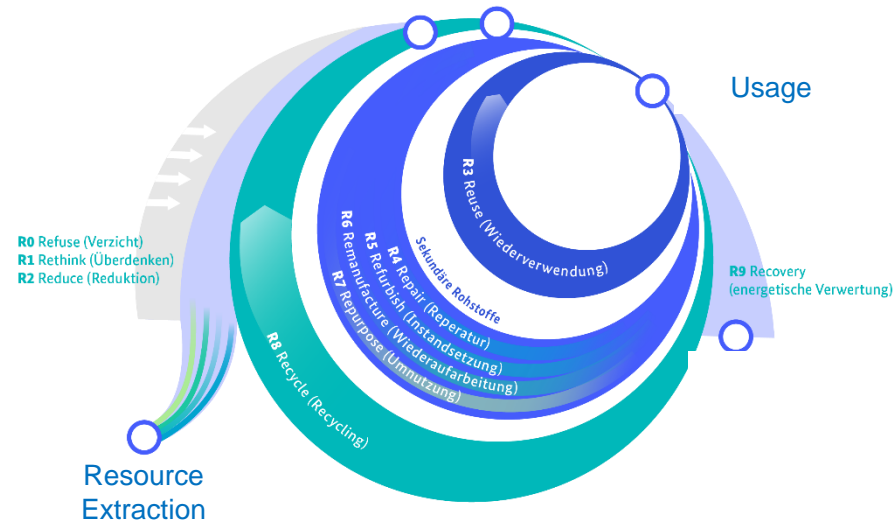
- EU is main driver of Circular Economy in Europe
- Legislative Framework for waste exports
- Circular Economy Action Plan as part of the Green Deal
- Focus on consumer rights
 - Ecodesign of products
 - EU-wide rules on packaging and reuse
 - Right to repair

Stakeholder process of NCES



National Circular Economy Strategy

- Bundle existing and upcoming strategies (e.g. Resource Strategy, Bioeconomy Strategy)
- Strategic goals:
 - 1) Reduce impact of raw materials on environment and climate
 - 2) Risk adaption and future-ready Economies



„Our goals are to reduce the consumption of raw materials and to close material cycles“

R0 Refuse (Verzicht)
R1 Rethink (Überdenken)
R2 Reduce (Reduktion)

Resource
Extraction

R8 Recycle (Recycling)

R6 Remanufacture (Wiederaufarbeitung)

R5 Refurbish (Instandsetzung)

R4 Repair (Reperatur)

R7 Repurpose (Umnutzung)

Sekundäre Rohstoffe

R3 Reuse (Wiederverwendung)

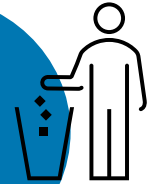
Usage

R9 Recovery (energetische Verwertung)



**Double Circular
Material Use
Rate**

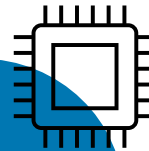
**Reduce
waste by
20 %**



**Cut resource
consumption
by half**



**Increase
Resource
Resilience**



Targets

Key areas



Key take-aways



Every country has unique needs –
assessing the status quo is crucial



SMART goals to have an
ambitious and accountable
strategy



Inclusive stakeholder engagement



Political will and clear
responsibilities

PREVENT Waste Alliance



PREVENT
Waste Alliance

- International ‘think and do tank’ for circular economy practitioners
- 500+ members from the private sector, academia, civil society and public institutions
- Launched in 2019 by the German Federal Ministry for Economic Cooperation and Development (BMZ)
- Working groups on three material streams:
 - [Plastics](#) (incl. sub-topics such as EPR and Plastic Credits)
 - [E-Waste and Batteries](#)
 - [Organic Waste](#)
- Working groups on cross-cutting issues: Financing Circular Economy; Digitalisation and Circular Economy; Awareness Raising/Behaviour Change
- Pilot projects and innovation programmes



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Más información sobre el proceso (en alemán e inglés)

- Página web de la estrategia (DE): [Startseite - NKWS - Plattform Nationale Kreislaufwirtschaft \(dialog-nkws.de\)](https://dialog-nkws.de)
- Fundamentos de la estrategia (EN): [Fundamentals NKWS \(pdf\).pdf](#)
- Resumen del borrador de la estrategia (EN): [NKWS NCES Draft Summary June 2024.pdf \(dialog-nkws.de\)](#)
- Borrador de la estrategia (DE): [BMUV: Entwurf einer Nationalen Kreislaufwirtschaftsstrategie \(NKWS\) | Download](#)